

## Installing DT Pro on Windows 8

### Installing DT Pro on Windows 8 32-bit and 64-bit:

This is a document that contains details on the issues that someone will encounter when installing DT Pro on a PC with Windows 8 32-bit or 64-bit OS. The behaviors are the same for both Windows 32-bit and 64-bit.

### Pre-requisites:

1. Similar to the installation in Windows 7, it is highly recommended that before proceeding to install DT Pro on Windows 8, to turn off User Access Control (UAC). Leaving UAC enabled will create other problems during the installation, and also after installation, i.e. during normal use of DT Pro.
2. Use a Windows account, which is a local admin account. This will allow the installer the ability to create a new hive in the registry and add new keys for DT Pro to use.
3. The PC MUST have internet access, because initially, Windows 8 will prompt to download and install .NET Framework 3.5 package.

### Installation Procedure:

1. Download the latest DT Pro installer from our website at: <http://www.mesalabs.com/datatrace-pro-software-downloads/> or use the DT Pro Install CD provided by Mesa Labs.
2. If you use the CD, then put it in the CD-ROM drive, and it should auto-play, or Windows will prompt you the action to take.
3. If you download from our website; first, extract the files, and then find and double-click "Launch.exe" file to start the Installation Welcome screen.
4. Click on "Install DataTrace Pro for Windows" option to launch the installation
5. After a short while, Windows 8 will prompt to download and install .NET Framework 3.5 package. Select "Download and Install this feature" option. Then wait for .NET Framework 3.5 installation to finish. Depending on the speed of your internet connection, this will only take a matter of a few minutes.
6. When the installer gets to the part of SQL Server 2005 Express installation, you will receive a message from Windows 8 Program Compatibility Assistant. The message will state that SQL Server 2005 Express is not compatible in Windows 8. Disregard this message, by clicking on "Run the program without getting help" option. Repeat this step three times to dismiss this message. After the third time, Windows 8 will allow SQL Server 2005 Express to be installed. SQL Server 2005 Express should install without errors. We have tested, and found that SQL Server 2005 Express can be installed and used on a Windows 8 PC. Microsoft just wants everyone to upgrade to SQL Server 2012 Express. At Mesa Labs, we are in the process of testing SQL Server 2012 Express compatibility with DT Pro. DT Pro will be released in a future version that will have SQL Server 2012 Express; but at the present time, we will have to use the existing SQL Server 2005 Express.
7. After SQL Server 2005 Express has been successfully installed, DT Pro installation will commence. Click Next to accept all default options. After a few minutes, DT Pro should be installed successfully without errors.

### Minor issues when using DT Pro on Windows 8:

Unlike Windows 7, Windows 8 has tightened security a lot more. That is the main reason why we highly recommend disabling UAC prior to the installation of DT Pro.

In addition, after DT Pro has been successfully installed, the following things must be done before DT Pro can be used on Windows 8. You must choose one of two scenarios below:

**Scenario 1: Always run DT Pro using a Windows account that has Local Admin privileges, if security is enabled in DT Pro.**

This is probably the best option, if at all possible. However, not all IT departments will agree to this. The reason is because when using DT Pro, the software will need to create new registry keys. Windows 8 will not allow the creation of new registry keys when a "standard user" is logged into Windows. Therefore, IT will need to grant "local admin" access to all Windows user accounts that will use DT Pro.

In addition, if security has been enabled in DT Pro (this happens during installation) then you must perform this step. Go to the desk-top, right-click on the DT Pro desktop icon, select Properties. Once the Properties window for DT Pro link appears, click on Compatibility tab. At the bottom of the Compatibility tab is the "Run this program as an administrator" option. Click it to enable the option. Click OK to save the changes. If the "Run this program as an administrator" option is not checked, and DT Pro security is enabled, the login screen WILL NOT appear.

**Scenario 2: If DT Pro security is NOT used, can run DT Pro using a "standard user" Windows account.**

If DT Pro security is not required, you do not need to enable the "Run this program as an administrator" option in the Properties window of the DT Pro desktop link. However, you must login as a "local admin" windows account initially; run DT Pro under the Windows Local Admin account once, to allow the application to create the registry keys it needs. From here on out, all subsequent launches of DT Pro will not need to be made using a Windows "local admin" account. Windows 8 is strange in this way. If all registry keys have been made, it will allow DT Pro to write (or update) to them under a "standard user" Windows account, but it will not allow the creation of new keys.

Keep in mind that the moment you enable DT Pro security, you MUST run DT Pro using a "local admin" Windows account and also have to enable the "Run this program as an administrator" option. If you just enable the "Run this program as an administrator" option, but run DT Pro using a "standard user" Windows account, when launching DT Pro, it will ask you to provide a "local admin" Windows account password. If you do not do this, the DT Pro login screen WILL NOT appear, thus DT Pro will not launch properly.